



What is claimed is:

1. A disinfectant or sanitizing wipe or cleaning pad, for cleaning glass and other glossy surfaces and not dependent upon quaternary ammonium compounds for disinfectancy, comprising:
  - a. a substrate and
  - b. a cleaning composition comprising:
    - i. less than 4% total organic solvent and
    - ii. greater than 0.05% sodium hydroxide or potassium hydroxide.
2. The wipe or cleaning pad of Claim 1 comprising only GRAS ingredients.
3. The wipe or cleaning pad of Claim 1 comprising less than 3% total organic solvent.
4. The wipe or cleaning pad of Claim 3 comprising only GRAS ingredients.
5. The wipe or cleaning pad of Claim 1 comprising less than 2% total organic solvent.
6. The wipe or cleaning pad of Claim 5 comprising only GRAS ingredients.
7. The wipe or cleaning pad of Claim 1 comprising less than 1% total organic solvent.
8. The wipe or cleaning pad of Claim 7 comprising only GRAS ingredients.
9. A disinfectant or sanitizing wipe or cleaning pad, for cleaning glass and other glossy surfaces and not dependent upon quaternary ammonium compounds for disinfectancy, comprising:
  - a. a substrate and
  - b. a cleaning composition comprising:
    - i. less than 4% organic solvent having a vapor pressure less than 0.1 mm Hg (20° C) and
    - ii. greater than 0.05% sodium hydroxide or potassium hydroxide.
10. The wipe or cleaning pad of Claim 9 comprising less than 3% organic solvent having a vapor pressure less than 0.1 mm Hg.
11. The wipe or cleaning pad of Claim 9 comprising less than 2% organic solvent having a vapor pressure less than 0.1 mm Hg.
12. The wipe or cleaning pad of Claim 9 comprising less than 1% organic solvent having a vapor pressure less than 0.1 mm Hg.
13. A disinfectant or sanitizing wipe or cleaning pad, for cleaning glass and other glossy surfaces and not dependent upon quaternary ammonium compounds for disinfectancy, comprising:
  - a. a substrate and
  - b. a cleaning composition comprising:
    - i. less than 4% total organic solvent and
    - ii. having a pH greater than about 10.
14. The wipe or cleaning pad of Claim 13 further comprising a hydrophilic polymer.
15. The wipe or cleaning pad of Claim 13 further comprising a hydrophilic nanoparticle.
16. The wipe or cleaning pad of Claim 13 having pH greater than about 11.

17. The wipe or cleaning pad of Claim 13 having pH greater than about 12.
18. The wipe or cleaning pad of Claim 13 comprising less than 3% total organic solvent.
19. The wipe or cleaning pad of Claim 18 further comprising a hydrophilic polymer.
20. The wipe or cleaning pad of Claim 18 further comprising a hydrophilic nanoparticle.
21. The wipe or cleaning pad of Claim 13 comprising less than 2% total organic solvent.
22. The wipe or cleaning pad of Claim 21 further comprising a hydrophilic polymer.
23. The wipe or cleaning pad of Claim 21 further comprising a hydrophilic nanoparticle.
24. The wipe or cleaning pad of Claim 13 comprising less than 1% total organic solvent.
25. The wipe or cleaning pad of Claim 24 further comprising a hydrophilic polymer.
26. The wipe or cleaning pad of Claim 24 further comprising a hydrophilic nanoparticle.
27. A disinfectant or sanitizing wipe or cleaning pad, for cleaning glass and other glossy surfaces and not dependent upon quaternary ammonium compounds for disinfectancy, comprising:
  - a. a substrate and
  - b. a cleaning composition comprising:
    - i. less than 4% organic solvent having a vapor pressure less than 0.1 mm Hg and
    - ii. having a pH greater than about 10.
28. The wipe or cleaning pad of Claim 27 comprising less than 3% organic solvent having a vapor pressure less than 0.1 mm Hg.
29. The wipe or cleaning pad of Claim 27 comprising less than 2% organic solvent having a vapor pressure less than 0.1 mm Hg.
30. The wipe or cleaning pad of Claim 27 comprising less than 1% organic solvent having a vapor pressure less than 0.1 mm Hg.
31. A method of disinfecting or sanitizing a glass or other glossy surface comprising wiping the surface with a wipe or cleaning pad, not dependent upon quaternary ammonium compounds for disinfectancy, comprising:
  - a. a substrate and
  - b. a cleaning composition comprising:
    - i. less than 4% total organic solvent and
    - ii. greater than 0.05% sodium hydroxide or potassium hydroxide.

## **Disinfectant Glass Wipe**

### **ABSTRACT**

The present invention relates to disinfecting wipes or pads that can be use to treat or clean glass or other glossy surfaces. The disinfecting wipes or pads do not depend upon quaternary ammonium compounds for disinfection, but instead depend upon relatively low solvent levels and basic pH or relatively high levels of sodium hydroxide or potassium hydroxide.